

Title (en)

Process and installation for the production of fuels

Title (de)

Verfahren und Vorrichtung für die Herstellung von Brennstoffen

Title (fr)

Procédé et installation pour la production de substances combustibles

Publication

EP 0694600 B1 19990428 (FR)

Application

EP 95830306 A 19950714

Priority

IT FI940146 A 19940728

Abstract (en)

[origin: EP0694600A1] The procedure consists of subjecting the tyre rubber to thermal destruction or depolymerisation in a medium at a controlled pressure and temperature, adding 1-3 wt.% of calcium oxide to the tyres before the process is started. The thermal destruction process is carried out at a temperature of 100-130 degrees C in an atmosphere enriched with saturated water vapour, and the substances obtained from the process are drawn off by forced suction and compressed. The installation for carrying out the procedure consists of a thermal destruction unit (3) with a top hatch for feeding in the tyres to be processed and calcium oxide from a container (4) and doser (5), a hopper at the bottom for evacuating the residue from the process, and a duct (14) with an automatic valve (39) for drawing off the combustible substances.

IPC 1-7

C10G 1/10

IPC 8 full level

C10G 1/10 (2006.01)

CPC (source: EP)

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Cited by

EA013267B1; EP0969073A3; US7166658B2; US7628892B2; WO2018022609A1; WO2005121278A1; WO9916848A1

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